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Substitute for form 1449B/PTO

Complete if Known**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 2 of 4

Application Number	08/954,954
Filing Date	10/21/1997
First Named Inventor	Summers et al.
Group Art Unit	1643
Examiner Name	Kemmerer, Elizabeth
Attorney Docket Number	C-2991/1

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
OK	CA	REEKE et al, "Three-Dimensional Structure of Favin: Saccharide Binding-Cyclic Permutation in Leguminous Lectins", Science, 11/28/86, Vol. 234 pp 1108-1111	✓
	CB	LUGER et al, "An 8-fold Ba Barrel Protein with Redundant Folding Possibilities", Protein Engineering, Vol 3 pp 249-258	✓
	CC	CUNNINGHAM et al, "Favion versus concanavalin A: Circularly permuted amino acid sequences", Proc. Natl. Acad. Sci. USA, July 1979, Vol. 76, No. 7, pp. 3218-3222	
	CD	PROTASOVA et al, "Circularly permuted dihydrofolate reductase of E.coli has functional activity and a destabilized tertiary structure", Protein Engineering, 1994, Vol.7, No. 11, pp.1373-1777	
	CE	ZHANG et al, "Circular Permutation of T4 Lysozyme", Biochemistry, Vol 32, No. 46, 1993	
	CF	LUGER et al, "Correct Folding of Circularly Permuted Variants of a Ba Barrel Enzyme in Vivo", Science, Vol 243	
	CG	HAHN et al, "Native-like in vivo folding of a circularly permuted jellyroll protein shown by crystal structure analysis", Proc. Natl. Acad. Sci. USA, 1994, Vol. 91, pp. 10417-10421	
	CH	LIN et al, "Rearranging the domains of pepsinogen", Protein Science, 1995, Vol 4, pp 159-166	
	CI	YANG et al, "Aspartate transcarbamoylase containing circularly permuted catalytic polypeptide chains", Proc. Natl. Acad. Sci. USA, 1993, Vol. 90, pp. 11980-11984	
✓	CJ	VIGNAI et al, "Circular permutation within the coenzyme binding domain of the tetrameric glyceraldehyde-3-phosphate dehydrogenase from Bacillus stearothermophilus", Protein Science, 1995, Vol 4., pp. 994-1000	
		See Attached	

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Signature

Elizabeth C. Kemmerer

Date
Considered

4/23/99

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

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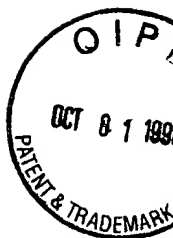
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CK	CK	GOLDENBERG et al, "Circular and Circularly Permuted Forms of Bovine Pancreatic Trypsin Inhibitor", J. Mol. Biol. 1983, Vol. 165, pp. 407-413	
	CL	HEMPERLY et al, "Circular permutation of amino acid sequences among legume lectins", TIBS, 1983, pp. 100-102	
	CM	KREITMAN et al, "Circularly permuted interleukin 4 retains proliferative and binding activity", Cytokine, 1995, Vol. 7, No. 4, pp. 311-318	
	CN	LI et al, "Degradation of Ornithine Decarboxylase", Mol. and Cel. Biol. 1993, Vol. 13, No. 4, pp. 2377-2383	
	CO	RITCO et al, "Is the Continuity of the Domains Required for the Correct Folding of a Two-Domain Protein?", Biochemistry, 1995, Vol. 34, pp. 16543-16551	
	CP	GARRETT et al, "Are turns required for the folding of ribonuclease T1?", Protein Science, 1996, Vol 5., pp. 204-211	
	CQ	KOMAR et al, "Kinetics of translation" FEBS Letters, 1995 Vol. 376, pp. 195-198	
	CR	MACGREGOR et al, "A circularly permuted a-amylase-type", FEBS Letters, 1996, Vol. 378, pp. 263-266	
	CS	KOEBNIK et al, "Membrane Assembly of Circularly Permuted Variants", JMB, 1995, Vol. 250, pp. 617-626	
	CT	BUCHWALDER et al, "A fully active variant of Dihydrofolate Reductase with a circularly permuted sequence", Biochemistry, 1992, Vol. 31, pp. 1621-1630	

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OK	CU	VIGUERA et al, "The order of secondary structure elements", J. Mol. Biol., 1995, Vol. 247, pp. 670-681	
	CV	MULLINS et al. "Transposition of Protein Sequences: Circular Permutation of Ribonuclease T1", J. Am. Chem. Soc., 1994, Vol. 116, pp. 5529-5533	
	CW	HORLICK et al, "Permuteins of interleukin 1B - a simplified approach for the construction of permuted proteins having new termini", Protein Engineering, USA, 1992, Vol. 5, pp.427-431	
	CX	KREITMAN et al, "A circularly permuted recombinant interleukin 4 toxin with increase activity", Proc. Natl. Acad. Sci. USA, 1993, Vol. 91, pp. 6889-3893	

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